

R 011845Z NOV 68
FM NPIC WASHDC
TO RUEOJFA/DIA (DIAXX-2)
RUEOJFA/JCS (JRC)
RUEFHQA/HQ USAF FOR AFNICAD & AFRDRP
RUCSAAA/SAC (DIR)
RUCSAAA/544TH ARTW OFFUTT AFB
RUWMDDA/9 SRW (DCI)
RUHHHQA/CINCPAC
RUHHJRA/CINCPACFLT
RUHHABA/CINCPACAF (DIR)
RUHHRGA/CINCUSARPAC

1968 NOV 1 18 50

out 66303

RUCIFGA/AERONAUTICAL SYSTEMS DIV (ASZB), WPAFB OHIO
BT

SECRET [REDACTED] CITE NPIC 4949.

SUBJ: EVALUATION OF GIANT SCALE MISSION S-061 FLOWN 1 OCT 68.

1. QUALITY SUMMARY: THE RIGHT TECHNICAL OBJECTIVE CAMERA MATERIAL IS DEGRADED BY AN APPARENT SLIT IMPERFECTION OR OBSTRUCTION (SEE PARA 2C). CLOUDS AND HAZE OBSCURE OR DEGRADE APP

PROXIMATE RESOLUTION		
CY	OFFICE	PI
✓	WIDE	
✓	CASSE SEC.	25X1
	PPCB/ED	
34	TSSG/APSD	✓
	PSG/OC	
	ERD	
	KEPRO	
	AID	
	IEG	
	PROD	
	SCHEM	
	WEST	
	EAGE	
	MES	
	PCM	
	IAS	
	DIA-KK4	
	SPAD	
	DIA-AP	
		25X1
	CMX	

PAGE 2 RUEADJU 6 SECRET [REDACTED]

50 PERCENT OF THE IMAGERY. PHOTO-INTERPRETABILITY IS POOR TO MODERATE. EMPIRICAL GROUND RESOLUTION ESTIMATES OF THE BEST IMAGERY AT 34 FTSSG/APSD

OPERATIONAL ALTITUDE ARE AS FOLLOWS:

- A. LEFT TECHNICAL OBJECTIVE CAMERA
- B. RIGHT TECHNICAL OBJECTIVE CAMERA
- C. LEFT OPERATIONAL OBJECTIVE CAMERA
- D. RIGHT OPERATIONAL OBJECTIVE CAMERA
2. ANALYSIS OF TECHNICAL OBJECTIVE CAMERA
 - A. COMMENTS APPLICABLE TO BOTH CAMERAS.
 - (1) NO UNUSUAL ANOMALIES.
 - B. LEFT TECHNICAL OBJECTIVE CAMERA (S/N 6409)
 - (1) AFTER EACH CAMERA OFF/ON OF AN HOUR OR LONGER DURATION, THE IMAGERY IS PROGRESSIVELY DEGRADED BY AN APPARENT OUT OF FOCUS CONDITION.
 - C. RIGHT TECHNICAL OBJECTIVE CAMERA (S/N 6410)
 - (1) STARTING IN FRAME 15, AN APPARENT OBSTRUCTION WITHIN THE SLIT APERTURE IS MANIFESTED AS AN UNEXPOSED BAND APPROXIMATELY 0.25 INCH WIDE, 0.5 INCH FROM AND PARALLEL TO THE NON-TITLED EDGE OF FILM. THIS OBSTRUCTION ALSO AFFECTS THE DENSITY OF THE SURROUNDING IMAGERY.

PAGE 3 RUEADJU 6 SECRET [REDACTED]

THE DENSITY GRADUALLY CHANGES FROM THIN AT THE EDGE OF THE UNEXPOSED BAND TO THE DENSITY LEVEL OF THE REMAINDER OF THE FRAME AT A POINT APPROXIMATELY 3.0 INCHES FROM THE NON-TITLED EDGE OF THE FRAME. BEGINNING IN FRAME 190, THERE IS A SHARP CHANGE IN DENSITY WITHIN THE FORMAT. APPROXIMATELY ONE-HALF THE FORMAT, ON THE NON-TITLED EDGE OF THE FILM, IS OF HEAVIER DENSITY THAN THE OTHER HALF-EXCEPT THAT PORTION AFFECTED BY THE SLIT OBSTRUCTION.

ADVANCE CY
SANITIZED
WITH TEXT

-2-

THESE ANOMALIES ARE PRESENT FROM FRAME 15 TO THE END OF THE MISSION AND ARE APPARENTLY CAUSED BY A SLIT IMPERFECTION.

3. ANALYSIS OF THE OPERATIONAL OBJECTIVE CAMERAS

A. COMMENTS APPLICABLE TO BOTH CAMERAS.

(1) NO UNUSUAL ANOMALIES.

B. LEFT OPERATIONAL OBJECTIVE CAMERA (S/N 4033)

(1) APPROXIMATELY 5.3 INCHES OF CLEAR FILM IS PRESENT BETWEEN THE OFF/ON FRAMES.

C. RIGHT OPERATIONAL OBJECTIVE CAMERA (S/N 4018)

(1) NO UNUSUAL ANOMALIES.

GP-1

S E C R E T

25X1

END OF MESSAGE